

# Online Quiz Portal Using spring boot and RestApi

## OUTPUTS

A screenshot of a web browser's address bar. It shows navigation icons (back, forward, stop, reload) and a dropdown menu. The address bar contains the text "http://localhost:8080/".

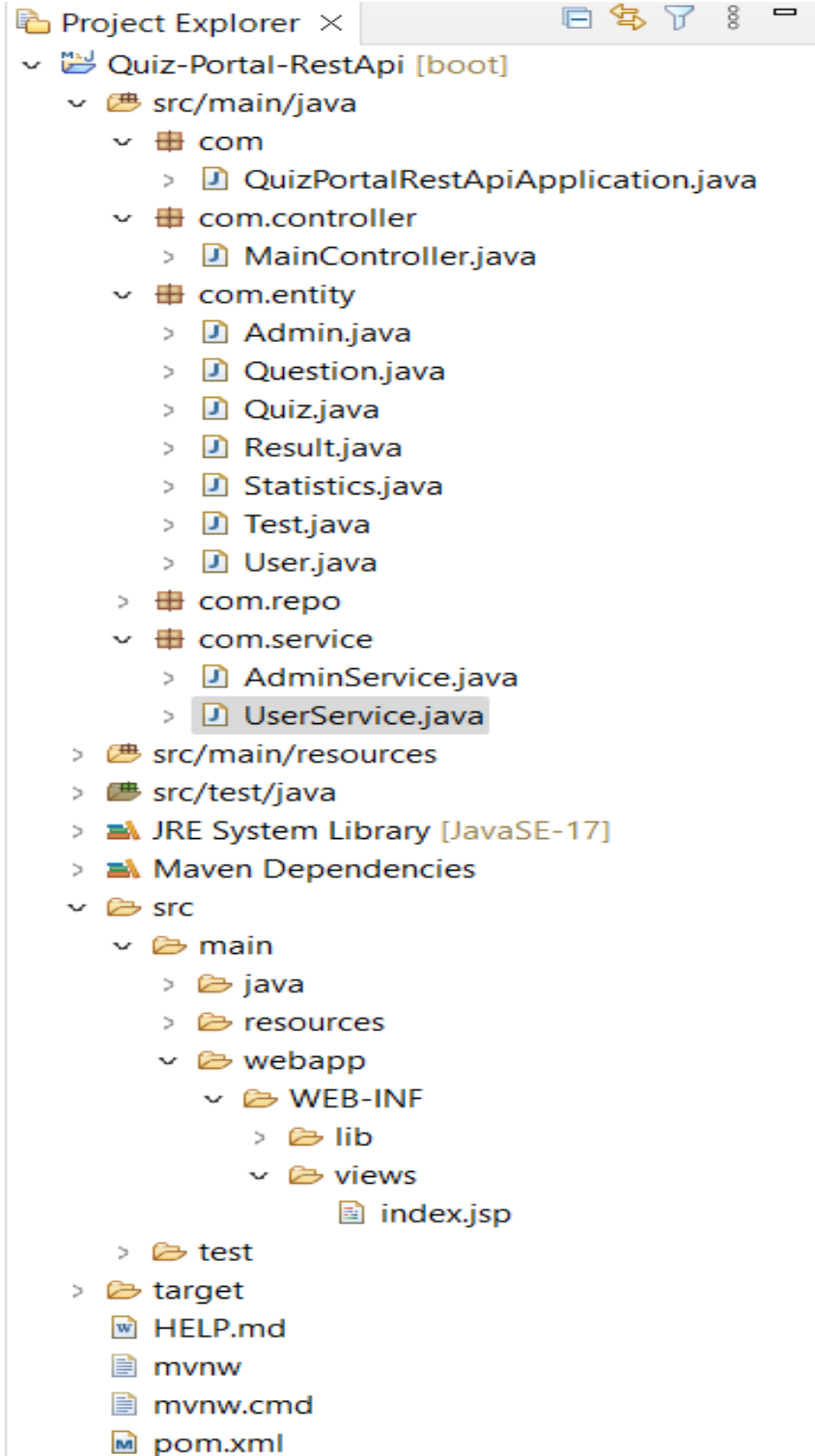
\*\*\*WELCOME\*\*\*

Online Quiz Portal Using RestApi

**Spring boot**

**Postman**

**My SQL Database**



POST http://localhost:8080/mcq/userRegister

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Beautify

```
1 {
2   "uid": 4,
3   "email": "user3@google.com",
4   "upwd": "u03",
5   "ph_no": 1234567891
6 }
```

Body Cookies Headers (5) Test Results

200 OK 124 ms 174 B Save as Example

Pretty Raw Preview Visualize Text

1 registered

12 select \* from Userss  
13

result Grid				
Filter Rows:				
uid	Email	upwd	Ph_NO	
1	abc@gmail.com	abc	9663	
2	user1@gmail.com	u01	7442	
3	user2@yahoo.com	u02	8906	
4	user3@google.com	u03	1234567891	
NULL	NULL	NULL	NULL	

GET http://localhost:8080/mcq/userLogin Send

- Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

- none form-data x-www-form-urlencoded raw binary GraphQL JSON

```

1 {
2   ... "emailid": "user1@gmail.com",
3   ... "password": "u01"
4 }
5

```

Body Cookies Headers (5) Test Results 200 OK 20 ms 180 B Save as Example

Pretty Raw Preview Visualize Text

1 login sucessfull

POST http://localhost:8080/mcq/adminLogin

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Beautify

```
1 {
2   ... "uname": "admin01",
3   ... "pwd": "admin01"
4 }
```

Body Cookies Headers (5) Test Results

200 OK 360 ms 177 B Save as Example

Pretty Raw Preview Visualize

Text



1 Welcome admin

HTTP PHasethree / AdminUpdate Save

**POST** ▼ http://localhost:8080/mcq/adminupdate Send ▼

Params Authorization Headers (8) **Body** ● Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼ Beautify

```
1 {
2   ... "uname": "admin01",
3   ... "pwd": "adm001"
4 }
```

**Body** Cookies Headers (5) Test Results 200 OK 623 ms 170 B Save as Example ...

**Pretty** Raw Preview Visualize **Text** ▼

1 Updated

7 **select \* from admin**

**Result Grid**   Filter Rows:  Edit:    Exp

	ID	Uname	Pwd
▶	1	admin01	admin01
✱	NULL	NULL	NULL

POST http://localhost:8080/mcq/addQuestions

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "qid":4,
3   "quest":"Choose the Odd on out",
4   "opt1":"C++",
5   "opt2":"C",
6   "opt3":"Python",
7   "opt4":"Printer",
8   "ans":4
9 }
```

Body Cookies Headers (5) Test Results

200 OK 11 ms 178 B Save as Example

Pretty Raw Preview Visualize Text

1 question added

17 select \* from question

18

Result Grid						
qid	question	opt1	opt2	opt3	opt4	ans
1	What is the Capital of India?	Bengaluru	Chennai	Hyderabad	Delhi	4
2	What is the currency of India	Rupees	Yen	Dollar	Dirham	1
3	What is the Full Form of SQL.	Structed Query Language	Sequence Query Language	Sequencial Query Language	Structural Query Language	1
4	Choose the Odd on out	C++	C	Python	Printer	4
*		NULL	NULL	NULL	NULL	NULL

POST http://localhost:8080/mcq/addQuiz Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   ...."qid":1,
3   ...."title":"Computer Fundamentals",
4   ...."subject":"CSE",
5   ...."qid":4
6   ...."qid":4
7 }
8 }
```

Body Cookies Headers (5) Test Results 200 OK 15 ms 174 B Save as Example

Pretty Raw Preview Visualize Text

1 quiz added

22 select \* from quiz

23

Result Grid					
Filter Rows:					
	qid	quizno	Subject	title	qid
▶	1	3	CSE	Computer Fundamentals	4
	2	2	SQL	Quiz2	3
	3	1	GK	Quiz1	1
*	NULL	NULL	NULL	NULL	NULL



GET

http://localhost:8080/mcq/viewAllQuiz

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 27

Pretty

Raw

Preview


Visualize

JSON



```
1  {
2    {
3      "qid": 1,
4      "title": "Computer Fundamentals",
5      "quizno": 0,
6      "subject": "CSE",
7      "qid": {
8        "qid": 4,
9        "quest": "Choose the Odd on out",
10       "opt1": "C++",
11       "opt2": "C",
12       "opt3": "Python",
13       "opt4": "Printer",
14       "ans": 4
15     }
16   },
17   {
18     "qid": 2,
19     "title": "Quiz2",
20     "quizno": 2,
21     "subject": "SQL",
22     "qid": {
23       "qid": 3,
24       "quest": "What is the Full Form of SQL.",
25       "opt1": "Structed Query Language",
26       "opt2": "Sequence Query Language",
27       "opt3": "Sequencial Query Language",
```

```
    "opt4": "Structural Query Language",  
    "ans": 1  
  },  
  {  
    "quid": 3,  
    "title": "Quiz1 ",  
    "quizno": 1,  
    "subject": "GK",  
    "qid": {  
      "qid": 1,  
      "quest": "What is the Capital of India?",  
      "opt1": "Bengaluru",  
      "opt2": "Chennai",  
      "opt3": "Hyderabad",  
      "opt4": "Delhi",  
      "ans": 4  
    }  
  }  
}
```

GET  http://localhost:8080/mcq/quizinfo

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	Key	Value	
	Key	Value	

Body Cookies Headers (5) Test Results

 200

Pretty

Raw

Preview

Visualize

JSON 



```
1  {
2    "users": 4,
3    "quiz": [
4      [
5        "Computer Fundamentals",
6        1
7      ],
8      [
9        "Quiz1 ",
10       1
11      ],
12      [
13        "Quiz2",
14        1
15      ]
16    ],
17    "questions": 4
18  }
```

POST

http://localhost:8080/mcq/takeTest

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ☐

```
1 {
2   ... "tid":1,
3   ... "userid":{
4     ... "uid":2
5   },
6   ... "quizid":{
7     ... "qid":3
8   },
9   ... "questionid":{
10    ... "qid":4
11  },
12  ... "testans":4
```

ody Cookies Headers (5) Test Results

200 OK 208 ms 172 B Save as E

Pretty

Raw

Preview

Visualize

Text

☐

1 submitted

GET http://localhost:8080/mcq/getAllTest

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Body Cookies Headers (5) Test Results

200 OK 18 ms 580 B

Pretty Raw Preview Visualize JSON

```

1  {
2    "tid": 1,
3    "userid": {
4      "uid": 2,
5      "emailid": "user1@gmail.com",
6      "password": "u01",
7      "phno": 7442
8    },
9    "quizid": {
10     "quid": 3,
11     "title": "Quiz1 ",
12     "quizno": 1,
13     "subject": "GK",
14     "qid": {
15       "qid": 1,
16       "quest": "What is the Capital of India?",
17       "opt1": "Bengaluru",
18       "opt2": "Chennai",
19       "opt3": "Hyderabad",
20       "opt4": "Delhi",
21       "ans": 4
22     }
23   },
24   "questionid": {
25     "qid": 4,

```

GET http://localhost:8080/mcq/getresult

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	Key	Value	Description
--	-----	-------	-------------

body Cookies Headers (5) Test Results

200 OK 17 ms 467 B

Pretty Raw Preview Visualize JSON

```

1  {
2    {
3      "email": "user1@gmail.com",
4      "marks": 1
5    },
6    {
7      "email": "user1@gmail.com",
8      "marks": 1
9    },
10   {
11     "email": "abc@gmail.com",
12     "marks": 0
13   },
14   {
15     "email": "user2@yahoo.com",
16     "marks": 0
17   },
18   {
19     "email": "user3@google.com",
20     "marks": 0
21   },
22   {
23     "email": "abc@gmail.com".

```